

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
 Data File : BG039173.D
 Acq On : 17 Jan 2019 1:35
 Operator : JU/SJ
 Sample : K1135-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPGP-5

Quant Time: Jan 17 05:35:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	20890	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	109694	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	71454	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	180302	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	179660	20.00	ng	-0.03
87) Perylene-d12	24.94	264	187308	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	67920	61.68	ng	-0.01
7) Phenol-d6	7.17	99	64775	40.87	ng	-0.02
23) Nitrobenzene-d5	9.19	82	151478	75.56	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	145844	121.76	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	466195	89.29	ng	-0.01
79) Terphenyl-d14	20.01	244	744248	76.63	ng	-0.01

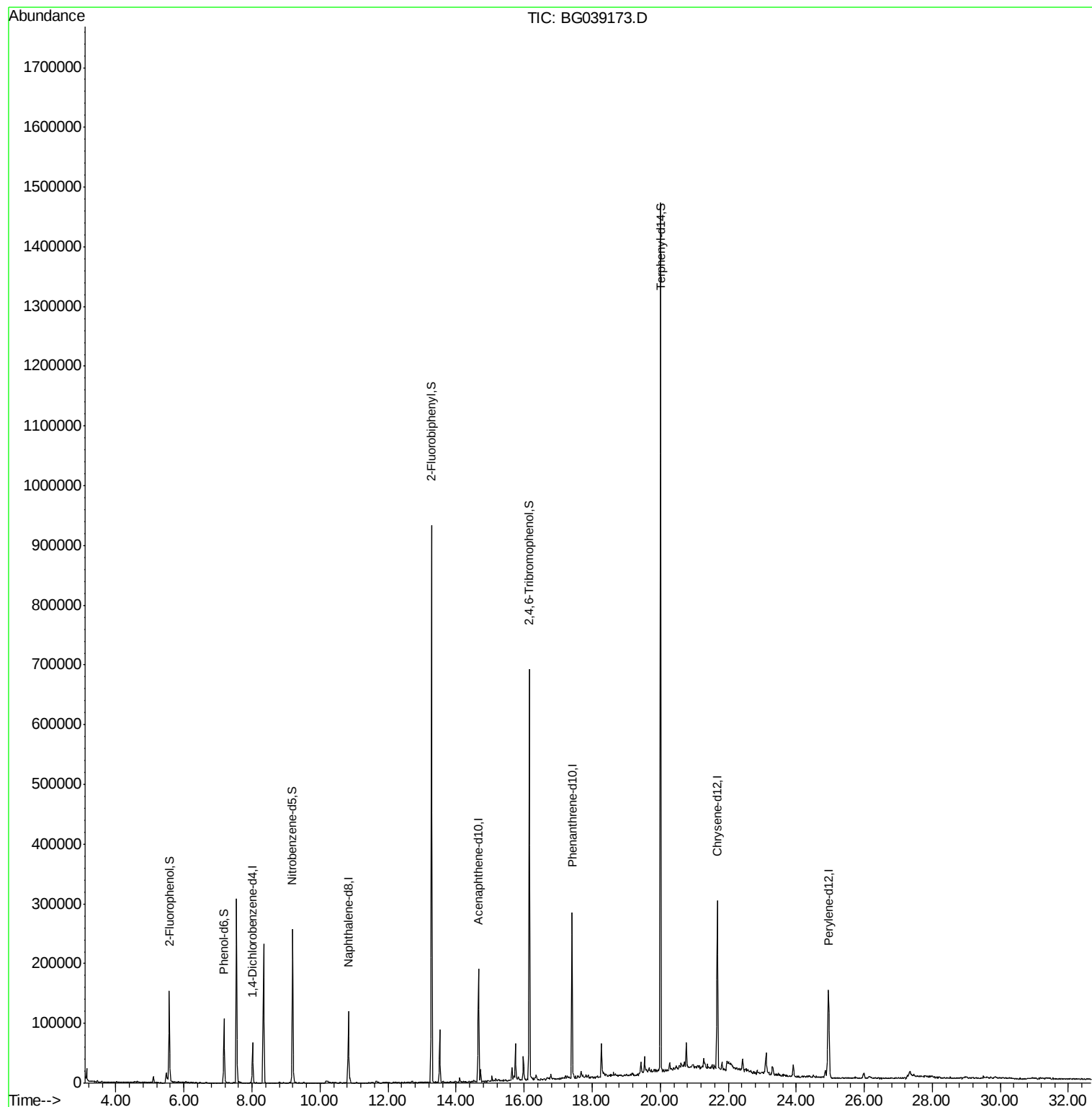
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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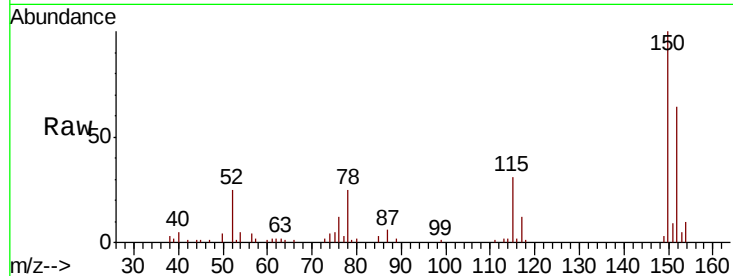


#1

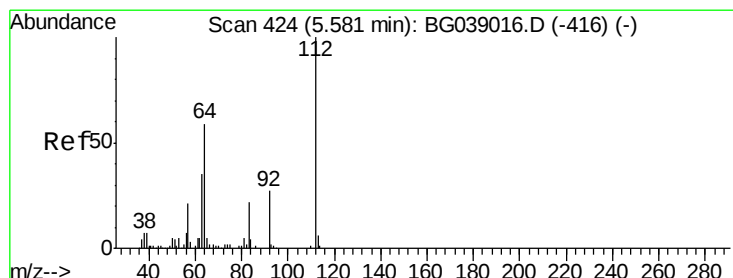
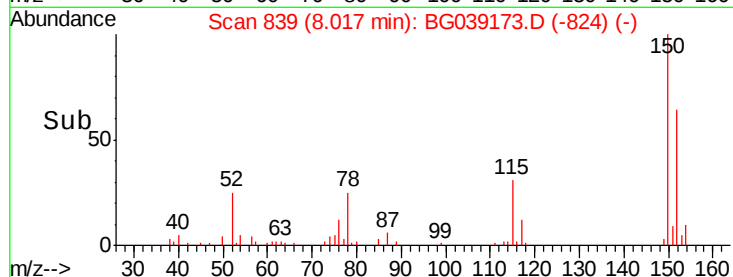
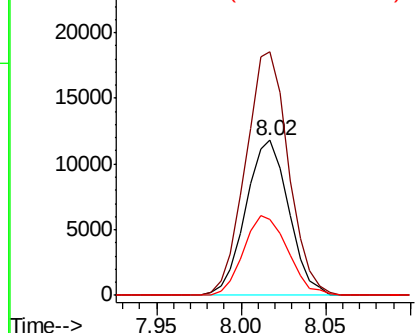
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG039173.D
Acq: 17 Jan 2019 1:35

Instrument :
BNA_G
ClientSampled :
CPGP-5

Tot Ion:152 Resp: 20890
Ion Ratio Lower Upper
152 100
150 157.2 124.7 187.1
115 49.2 46.5 69.7



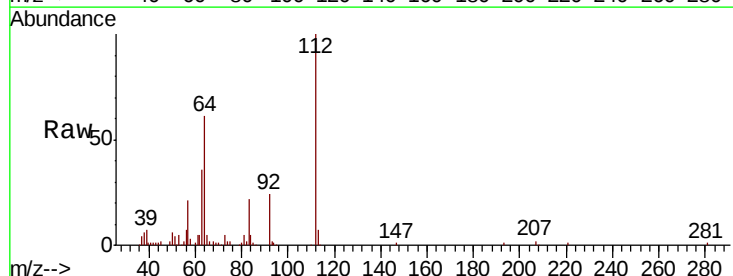
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



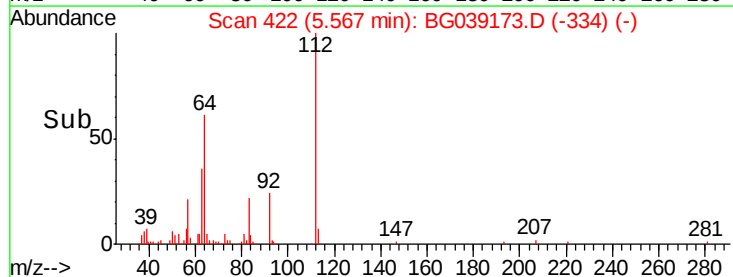
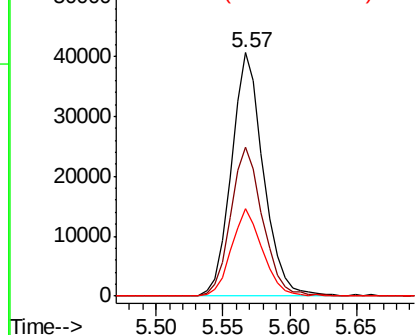
#5

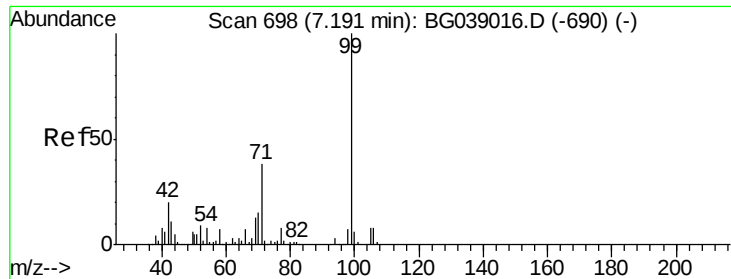
2-Fluorophenol
Concen: 61.677 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.01 min
Lab File: BG039173.D
Acq: 17 Jan 2019 1:35

Tgt Ion:112 Resp: 67920
Ion Ratio Lower Upper
112 100
64 61.3 47.0 70.6
63 35.7 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 40.873 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG039173.D

Acq: 17 Jan 2019 1:35

Instrument :

BNA_G

ClientSampleId :

CPGP-5

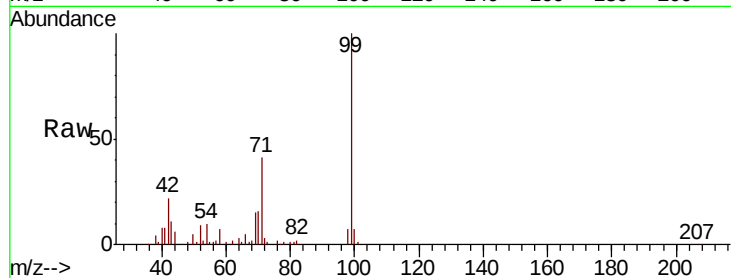
Tot Ion: 99 Resp: 64775

Ion Ratio Lower Upper

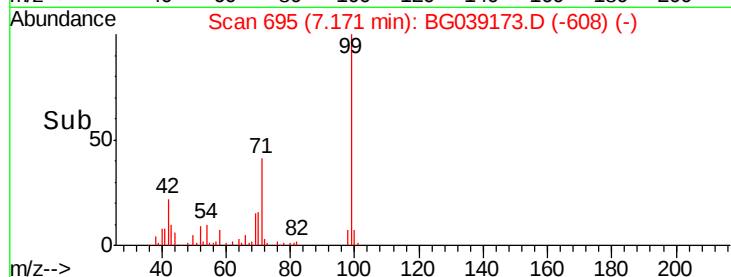
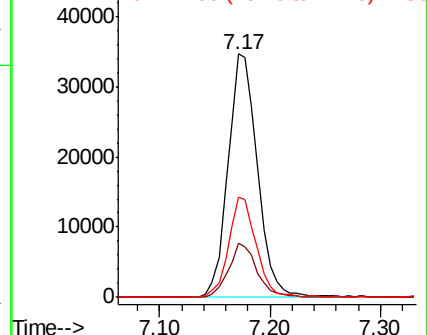
99 100

42 22.2 15.8 23.6

71 41.1 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BG039173.D

Acq: 17 Jan 2019 1:35

Tgt Ion: 136 Resp: 109694

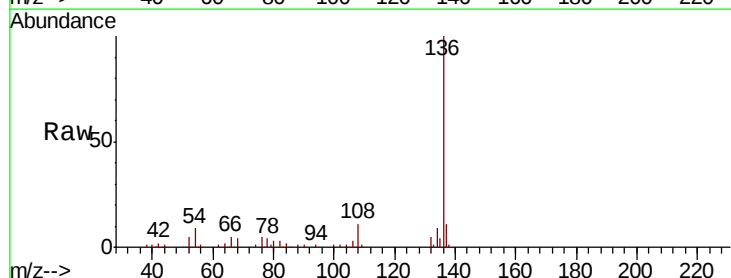
Ion Ratio Lower Upper

136 100

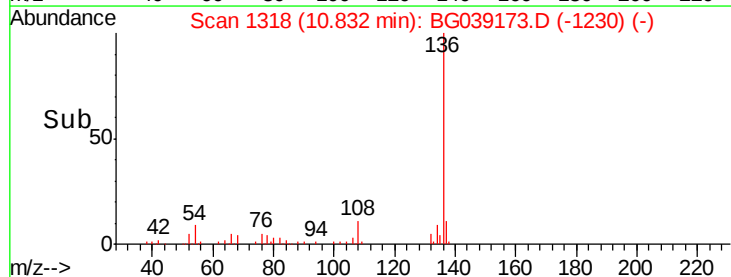
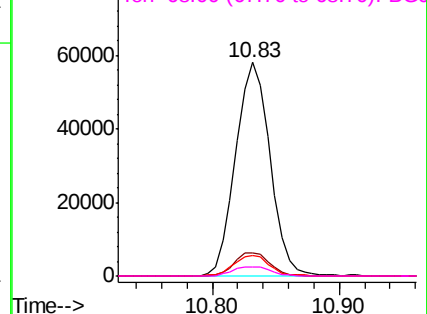
137 10.5 9.4 14.2

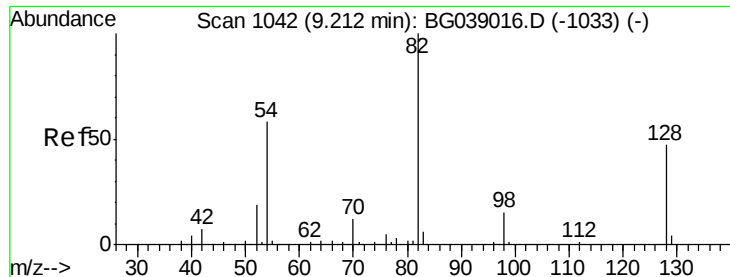
54 9.5 7.2 10.8

68 4.1 3.5 5.3



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

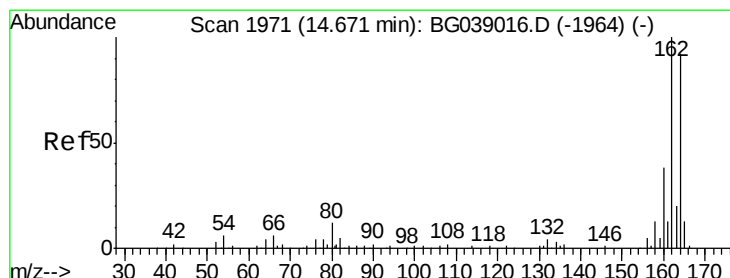
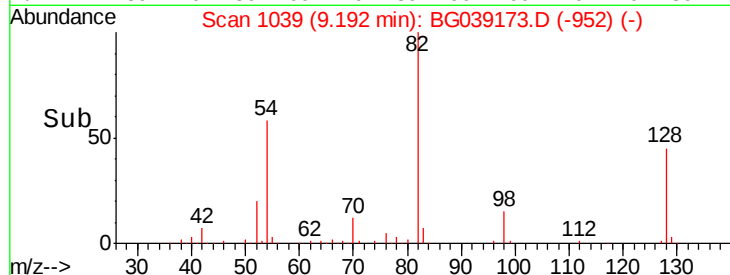
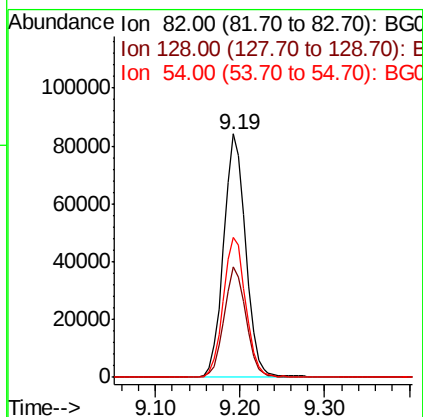
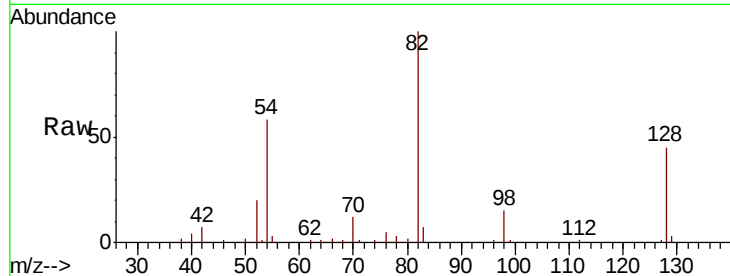




#23
Nitrobenzene-d5
Concen: 75.563 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG039173.D
Acq: 17 Jan 2019 1:35

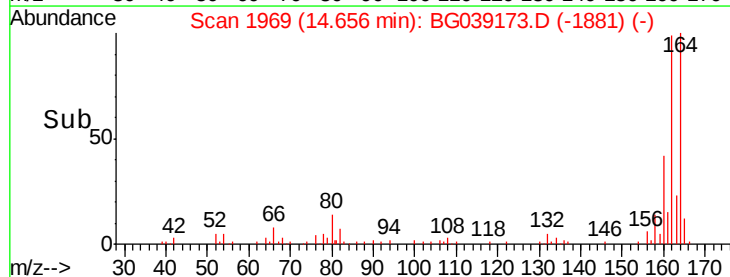
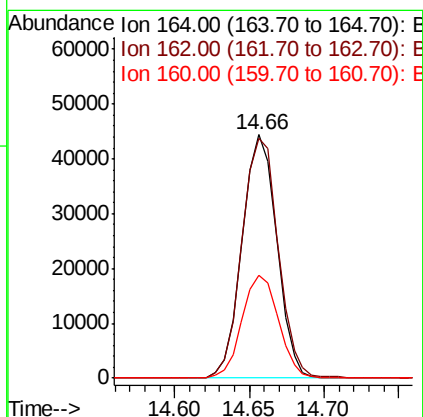
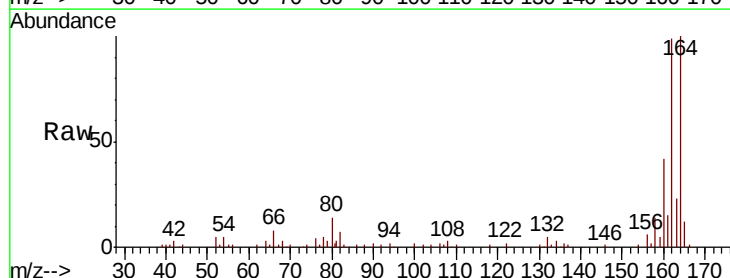
Instrument :
BNA_G
ClientSampled :
CPGP-5

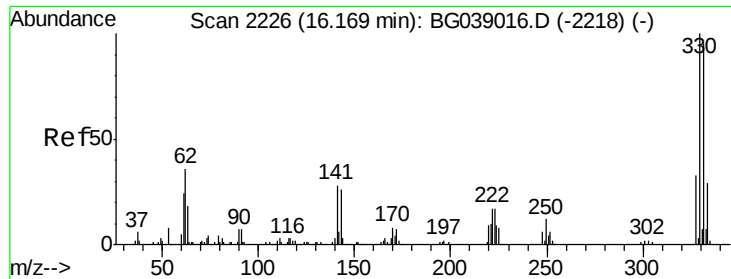
Tot Ion: 82 Resp: 151478
Ion Ratio Lower Upper
82 100
128 45.3 37.3 55.9
54 57.6 46.4 69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG039173.D
Acq: 17 Jan 2019 1:35

Tgt Ion:164 Resp: 71454
Ion Ratio Lower Upper
164 100
162 98.7 87.2 130.8
160 42.0 33.3 49.9

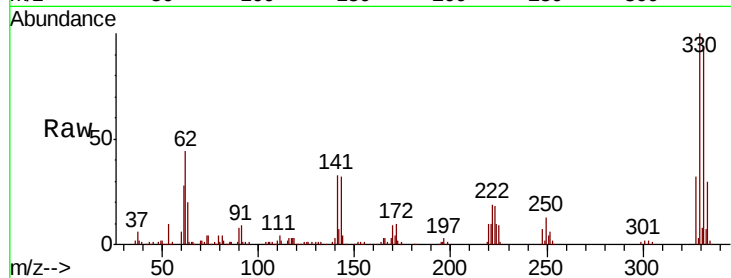




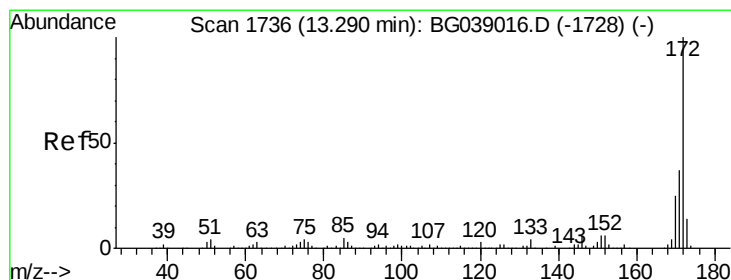
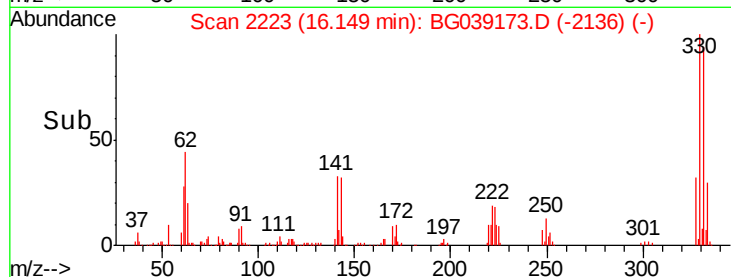
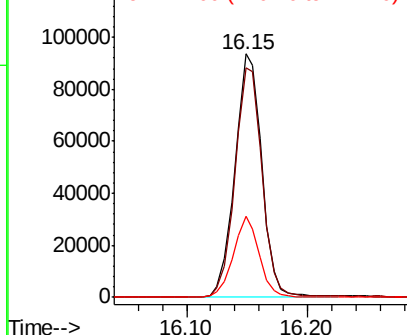
#42
 2,4,6-Tribromophenol
 Concen: 121.763 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.02 min
 Lab File: BG039173.D
 Acq: 17 Jan 2019 1:35

Instrument :
 BNA_G
 ClientSampleId :
 CPGP-5

Tot Ion:330 Resp: 145844
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.7 113.5
 141 31.9 24.9 37.3

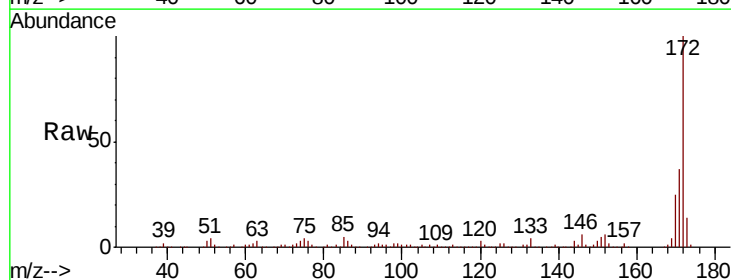


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

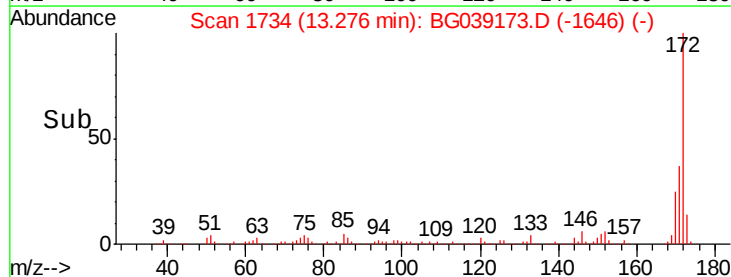
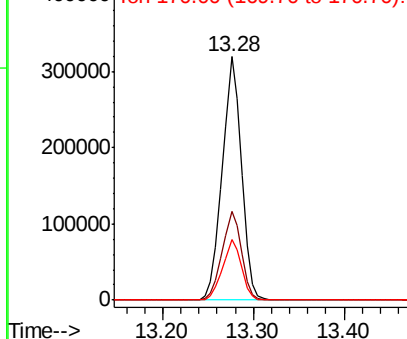


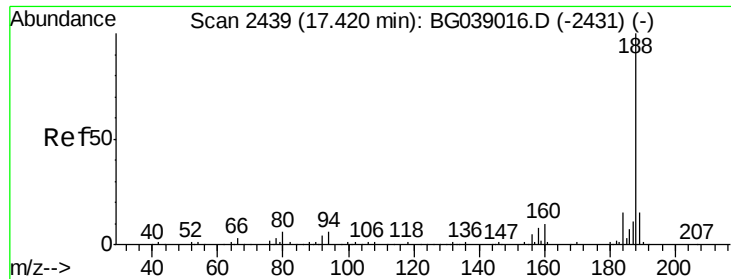
#45
 2-Fluorobiphenyl
 Concen: 89.291 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG039173.D
 Acq: 17 Jan 2019 1:35

Tgt Ion:172 Resp: 466195
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.7 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG039173.D

Acq: 17 Jan 2019 1:35

Instrument :

BNA_G

ClientSampleId :

CPGP-5

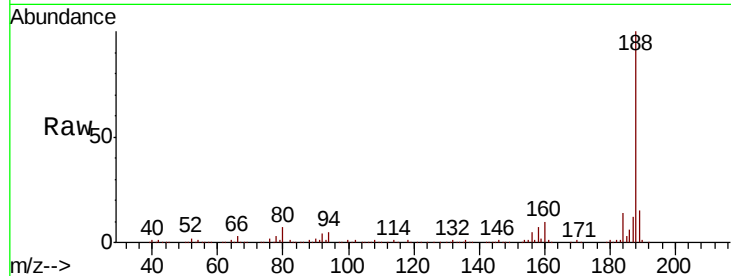
Tot Ion:188 Resp: 180302

Ion Ratio Lower Upper

188 100

94 5.4 5.0 7.4

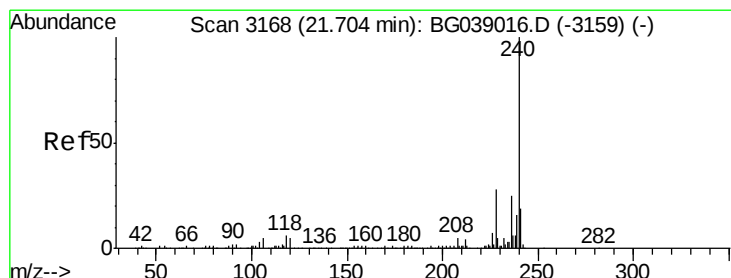
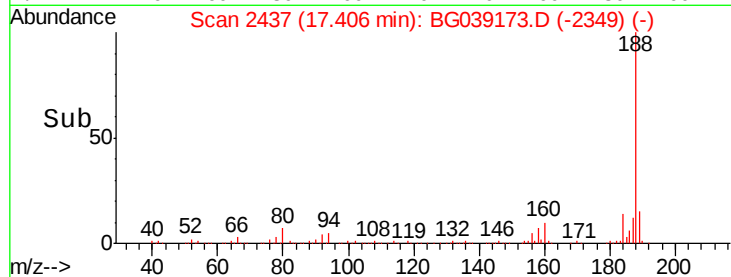
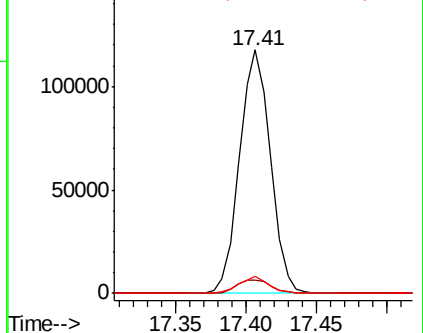
80 6.9 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG039173.D

Acq: 17 Jan 2019 1:35

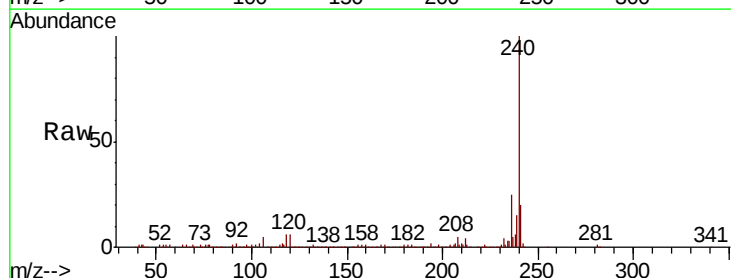
Tgt Ion:240 Resp: 179660

Ion Ratio Lower Upper

240 100

120 6.1 4.3 6.5

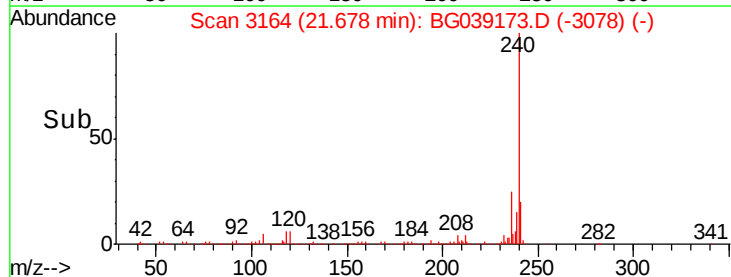
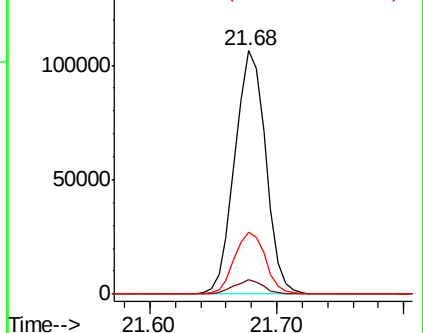
236 25.5 20.1 30.1

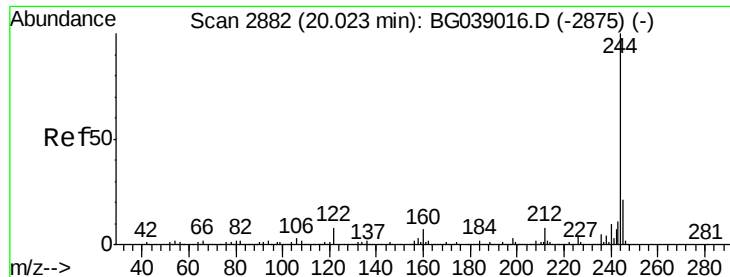


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.632 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039173.D

Acq: 17 Jan 2019 1:35

Instrument :

BNA_G

ClientSampleId :

CPGP-5

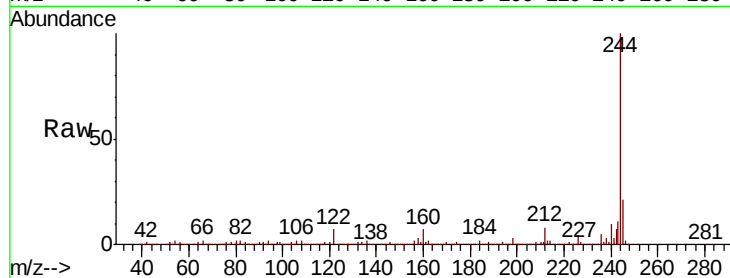
Tot Ion:244 Resp: 744248

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

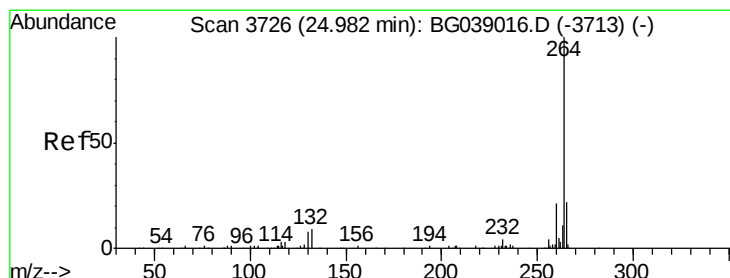
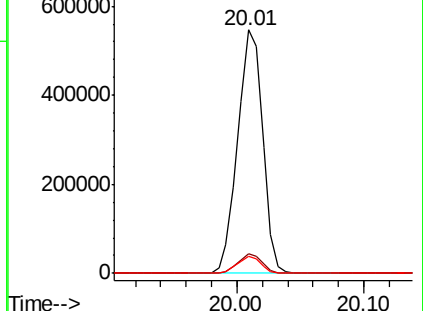
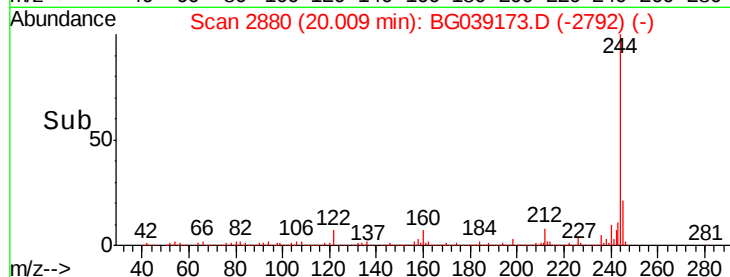
122 7.1 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3720

Delta R.T. -0.04 min

Lab File: BG039173.D

Acq: 17 Jan 2019 1:35

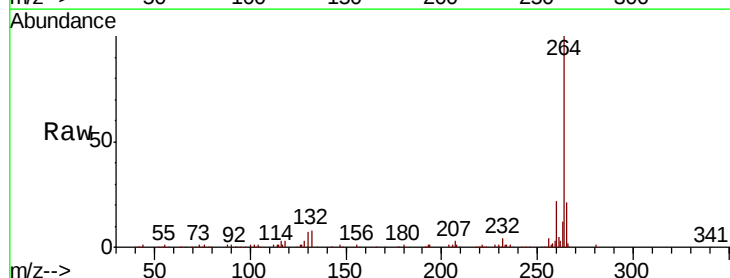
Tgt Ion:264 Resp: 187308

Ion Ratio Lower Upper

264 100

260 21.5 17.0 25.6

265 20.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

